

## XP-002249146

AN - 1975-77632W [47]

A - [001] 012 028 032 038 04- 040 041 046 047 141 150 155 157 160 169 170  
171 192 193 195 198 209 210 239 240 31& 33& 332 336 39& 398 40& 40-  
405 431 440 443 447 448 477 481 482 49- 491 551 560 561 566 575 580  
595 596 609 664 665 688 720

CPY - KURS

DC - A82 G02

FS - CPI

MC - A12-B02A A12-S02 G02-A05

PA - (KURS ) KURARAY CO LTD

PN - JP50042004 A 19750416 DW197547 000pp

PR - JP19730093972 19730821

AB - J50042004 Leather substitutes with good softness and flexibility contained porous urethane rubber surface layer with thickness  $\leq 0.4$  mm. and bulk d. 0.2-0.45 and fibre layer of microfibrils, contg. porous rubber binders. In an example, composite fibre was spun from nylon 6 (island component) and polyethylene in 1:1 ratio, drawn, crimped, and formed into a needle-punched nonwoven sheet. This was impregnated with a 25% soln. of polyurethane with poly(ethylene adipate) soft segment in DMF contg. pore regulator, immersed in 40% aq. DMF to gel the impregnant, and treated with hot toluene to ext. polyethylene to give porous substrate. The substrate was buffed, coated to 80 g/m<sup>2</sup> with a 15% soln. of 85:15 poly(caprolactone)diphenylmethane diisocyanate-ethylene glycol elastomer-polyethylene glycol-diphenylmethane diisocyanate-ethylene glycol elastomer in DMF contg. pore and gelation regulators, and gelled in aq. DMF to give leather substitute.

IW - LEATHER SUBSTITUTE SOFT FLEXIBLE POROUS URETHANE RUBBER SURFACE LAYER  
CONTAIN POROUS RUBBER BIND

IKW - LEATHER SUBSTITUTE SOFT FLEXIBLE POROUS URETHANE RUBBER SURFACE LAYER  
CONTAIN POROUS RUBBER BIND

NC - 001

OPD - 1973-08-21

ORD - 1975-04-16

PAW - (KURS ) KURARAY CO LTD

TI - Leather substitutes with good softness and flexibility - have porous urethane rubber surface and layer of microfibrils contg. porous rubber binders